

FORM PTO-1595

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Docket No.: UMD-0013

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RECORDATION FORM COVER SHEET
ID NO:

To The Commissioner for Patents. Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies):
Ned Heindel and Christine Martey

2. Name and address of receiving party(ies):

Name: **Lehigh University**

Internal Address:

Street Address: **27 Memorial Drive West**

City: **Bethlehem**

State: **Pennsylvania**

Zip: **18015**

Additional name(s) of conveying party(ies) attached?

() YES (XX) NO

Additional names (s) & address attached?

() YES (XX) NO

3. Nature of Conveyance:

(XX) Assignment () Merger

() Name Change () Security Agreement

() Other: _____

Execution date: **July 28, 2003**

4. Application number(s) or patent number(s):

A. Patent Application No(s). **10/408,170** FILED April 4, 2003

B. Patent No(s).

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? () YES (XX) NO

5. Name and address of party to whom correspondence concerning documents should be mailed:

Licata & Tyrrell P.C.

66 E. Main Street

Marlton, New Jersey 08053

6. Total number of applications and patents involved: **One (1)**

7. Total fee (37 CFR 3.41): \$40.00

() Enclosed

(XX) Authorized to be charged to deposit account.

8. Deposit Account number: **50-1619**

(Attach duplicate copy of this page if paying by deposit account.)

DO NOT USE THIS SPACE

9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kathleen A. Tyrrell, Reg. No. 38,350

Name of Person Signing

Signature *Kathleen A. Tyrrell* **October 27, 2003**

2003 OCT 29 PM 12:31
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Total number of pages comprising cover sheet, attachments, and document: **Four**

Mail documents to be recorded with required cover sheet information to:

10/29/2003 6TOM11 00000186 501619 10408170

Commissioner for Patents

Box Assignments

Alexandria, VA 22313-1450

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A S S I G N M E N T

WHEREAS, we, **Ned Heindel** and **Christine Martey**, hereinafter referred to as the assignors, residing respectively at 200 ^{7724,} ~~Hexenkopf Road, Easton, Pennsylvania 18042-9570~~ and ~~501 Lopax Road,~~ ^{Valley View} ~~J23,~~ ^{Avenue E,} **Harrisburg, Pennsylvania 17112**, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 10/408,170, filed **April 4, 2003**, entitled **Fluorescent Tags for Amino Acid and Nucleic Acid Analysis**; and

WHEREAS, **LEHIGH UNIVERSITY**, a non-profit institution of higher education, incorporated in the **State of Pennsylvania** and having its place of business at **27 Memorial Drive West, Bethlehem, Pennsylvania 18015** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal

representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Ned Heindel (L.S.)
Ned Heindel

Christine Martey (L.S.)
Christine Martey

[WHERE ALL INVENTORS SIGN BEFORE THE SAME NOTARY:]

Commonwealth of PA :
COUNTY OF Northampton :

SS

On this 28th day of July, 2003, before me personally came the above named Ned Heindel and Christine Martey to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of those persons' own free will for the use and purposes therein set forth.

Janice M. Stoudt

Notary Public

NOTARIAL SEAL
JANICE M. STOUT, Notary Public
Bethlehem Boro., Northampton County
My Commission Expires Nov. 5, 2004

[WHERE INVENTORS SIGN BEFORE SEPARATE NOTARIES:]

COUNTY OF _____ : SS

On this _____ day of _____, 2003, before me personally came the above named Ned Heindel to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Notary Public

COUNTY OF _____ : SS

On this _____ day of _____, 2003, before me personally came the above named Christine Martey to me personally